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		DISCLO		Filing Date	Concurrently Herewith	
STATEMENT BY APPLICANT				First Named Inventor	Eric C. Hannah	
(use as	many she	ets as ne	cessary)	Group Art Unit	Not yet assigned	
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Sheet	1	of	3	Attorney Docket Number	042390P13119D	

لسلجينا			U.	S. PATENT DOCUMENTS				
Examiner Initials	Cite No.1	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passage or Figures Appear		
MCT	>	5,202,231	7	Drmanac, et al.	04/13/1993			
1		5,332,666		Prober, et al.	07/26/1994			
	1	5,436,130		Mathies, et al.	07/25/1995			
	7	5,780,232	حم	Arlinghaus, et al.	07/14/1998			
		5,821,058	7	Smith, et al.	10/13/1998			
	7	5,821,060	1	Arlinghaus, et al.	10/13/1998			
		5,972,619	4	Drmanac, et al.	10/26/1999			
		6,045,996		Cronin, et al.	. 04/04/2000			
	>	6,083,695		Hardin, et al.	07/04/2000			
		6,187,823		Haddon, et al.	02/13/2001			
	7	6,258,401	/	Crowley	07/10/2001			
	1	6,283,812	>	Jin, et al.	09/04/2001			
V	1	6,297,592		Goren, et al.	10/02/2001	1		
MCT	1	6,303,094	"	Kusunoki, et al.	10/16/2001	/		
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MCT >		10-22-2001].	Retrieved fr	, "Physical Properties of Carbor om the Internet .edu/cmp/csc/ntproperties/main		ne], [Retrieved on		
		AREPALLI, S., et al., "Electronically excited C ₂ from laser photodissociated C ₆₀ ," Chemical						
	<u> </u>), pages 26-34.				
	(, et al., "Why are carbon nanotu	ibes such excellent f	field emitters?"		
Ψ	\$	[Retrieved on 10-22-2001]. Retrieved from the Internet, URL: http://www.foresight.org/Conferences/MNT6/Papers/Chatelain . Pages 1-10.						
MCT HAN, H.X., et al., "Photoluminescence Study of Ca								
	5	Preprints: con	d-mat/0004	035, April 4, 2000, pages 1-6.				
						•		
•								

conformance and not considered. Include copy of this form with next communication to applicant.

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STATEMENT BY APPLICANT				First Named Inventor	Eric C. Hannah	
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				Examiner Name	Not yet assigned	
Sheet	2	of	3	Attorney Docket Number	042390P13119D	

Examiner Initials No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.			
		HERTEL, TOBIAS, et al., "Electron-Phonon Interaction in Single-Wall Carbon Nanotubes: A Time-Domain Study," Physical Review Letters, 2000, 84: 5002-5005.			
		MASON, JACK, "Nanotubes Fall Into Line," [on line], [Retrieved on 10-23-2001]. Retrieved from the Internet, Technology Review, May 24, 2001, pages 1-2.			
	5	ODOM, TERI, et al. "Atomic structure and electronic properties of single-walled carbon nanotubes" Nature, 1998, 391: 62-64.			
	>	PARKER, DEBORAH et al. "High-Yield synthesis, separation, and mass-spectrometric characterization of fullerenes C ₆₀ to C ₂₆₆ " J. Am. Chem. Soc., 1991, 113: 7499-7503.			
	7	RINZLER, ANDREW, et al. "Session S20 – Nanotubes VII: Spectroscopy and Optical Properties," Focus Session, Wednesday afternoon, March 14, Room 401, Washington State Convention Center. [Retrieved on 10-23-2001]. Retrieved from the Internet URL: http://www.aps.org/meet/MAR01/baps/abs/S6800.html . Pages 1-5.			
		ROCHEFORT, ALAIN, "The Effects of Finite Length on the Electronic Structure of Carbon Nanotubes" Los Alamos Physics Preprints:cond-mat/9808271, August 24, 1998, pages 1-18.			
	5	SASAKI, K. "Vacuum structure of Carbon Nanotube Torus" Los Alamos Physics Preprints:cond-mat/0106190, June 11, 2001, pages 1-10.			
\bigvee		VENEMA, LIESBETH, et al., "Imaging Electron Wave Functions of Quantized Energy Levels in Carbon Nanotubes, Los Alamos Physics Preprints:cond-mat/9811317, November 23, 1998, pages 1-14.			
MCT	7	WILDOER, JEROEN et al., "Electronic structure of atomically resolved carbon nanotubes" Nature, 1998, 391: 59-62.			

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STA	TEMENT B	Y APP	LICANT	First Named Inventor	Eric C. Hannah	
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(Examiner Name	Not yet assigned	
Sheet	3 0		. 3	Attorney Docket Number	042390P13119D	

Examiner Initials	Cite No.1	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passage or Figures Appear
MCT		5,866,434		Massey et al.	02/02/1999	
MCT		6,140,045		Wohlstadter et al.	10/31/2000	
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